



TROPICAL CYCLONE BULLETIN NO. 20

Typhoon "KIKO" (CHANTHU)

Issued at 8:00 AM, 11 September 2021

Valid for broadcast until the next bulletin at 11:00 AM today

"KIKO" IS ABOUT TO MAKE LANDFALL IN THE VICINITY OF BATAN AND SABTANG ISLANDS IN BATANES

Location of Center (7:00 AM)

The center of the eye of Typhoon "KIKO" was located based on all available data including those from Aparri Doppler Weather Radar **over the coastal waters of Sabtang, Batanes (20.1°N, 122.0°E)**

Intensity

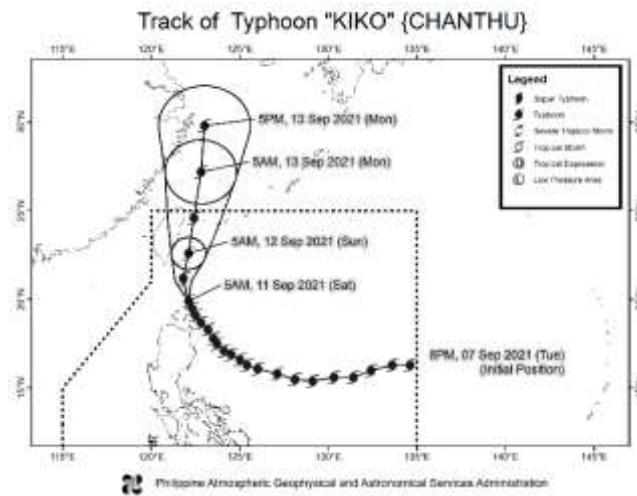
Maximum sustained winds of **215 km/h** near the center, gustiness of up to **265 km/h**, and central pressure of **920 hPa**

Present Movement

North Northwestward at 15 km/h

Extent of Tropical Cyclone Winds

Strong winds or higher extend outwards up to 250 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 5:00 PM 11 September 2021	21.2	121.8	Over the coastal waters of Itbayat, Batanes	205	TY	NNW 10
24-Hour Forecast 5:00 AM 12 September 2021	22.6	122.1	200 km North of Itbayat, Batanes	185	TY	NNE 15
36-Hour Forecast 5:00 PM 12 September 2021	24.6	122.4	425 km North of Itbayat, Batanes	175	TY	N 20
48-Hour Forecast 5:00 AM 13 September 2021	27.2	122.8	720 km North of Itbayat, Batanes (outside the PAR)	165	TY	N 25
60-Hour Forecast 5:00 PM 13 September 2021	29.8	123.0	1,010 km North of Extreme Northern Luzon (outside the PAR)	155	TY	N 25

Prepared by: RPG

Checked by: SFD



Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY
Philippine Atmospheric, Geophysical and Astronomical
Services Administration (PAGASA)
 Weather Division



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TROPICAL CYCLONE WIND SIGNALS IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
4 (Very destructive typhoon-force winds prevailing or expected within 12 hours)	Batanes and the northeastern portion of Babuyan Islands (Babuyan Is.)	-	-
3 (Destructive typhoon-force winds prevailing or expected within 18 hours)	The northwestern portion of Babuyan Islands (Panuitan Is., Calayan Is.)	-	-
2 (Damaging gale-force to storm-force winds prevailing or expected within 24 hours)	The rest of Babuyan Islands	-	-
1 (Strong winds prevailing or expected within 36 hours)	Mainland Cagayan, Apayao, and the northern portion of Ilocos Norte (Adams, Dumalneg, Bangui, Vintar, Carasi, Nueva Era, Piddig, Solsona, Burgos, Pasuquin, Bacarra, Laoag City, San Nicolas, Sarrat, Dingras, Pagudpud)	-	-
Tropical Cyclone Wind Signals hoisted in other areas are hereby lifted.			

HAZARDS AFFECTING LAND AREAS	
Heavy Rainfall	<ul style="list-style-type: none"> In the next 24 hours, Typhoon "KIKO" will bring heavy to intense with at times torrential rains over Babuyan Islands and Batanes. Moderate to heavy with at times intense rains are also likely over Cagayan, Ilocos Norte, Ilocos Sur, Abra, Apayao, and Kalinga. Under these conditions, scattered to widespread flooding (including flash floods) and rain-induced landslides are possible especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps. Typhoon "KIKO" will continue to enhance the Southwest Monsoon, bringing monsoon rains over Metro Manila, the rest of Ilocos Region and Cordillera Administrative Region, and the western sections of Central Luzon and Southern Luzon in the next 24 hours. For more information, refer to Weather Advisory #5 (Intermediate) for Southwest Monsoon and the 24-Hour Public Weather Forecast issued at 1:00 AM and 4:00 AM today, respectively.
Severe Winds	<ul style="list-style-type: none"> Winds may reach typhoon-force strength between 171 and 220 km/h within any of the areas where Tropical Cyclone Wind Signal (TCWS) #4 is hoisted during the passage of the typhoon. This may cause generally heavy to very heavy damage to structures and vegetation. Winds may reach typhoon-force strength of up to 170 km/h within any of the areas where TCWS #3 is hoisted during the passage of the typhoon. This may cause generally moderate to heavy damage to structures and vegetation. Winds may reach gale- to storm-force strength within any of the areas where TCWS #2 is in effect. This may result to light to moderate damage to structures and vegetation. Winds reaching strong breeze to near gale strength (i.e., strong winds) will be felt within any of the areas where TCWS #1 is in effect. This may result to up to very light damage to structures and vegetation. In the next 24 hours, the enhanced Southwest Monsoon will also bring occasional gusts reaching strong breeze to near gale strength over the coastal and upland/mountain areas of Luzon that are not under wind signal.
Coastal Inundation	A moderate to high risk of life-threatening storm surge reaching 2.0 to 3.0 m in height may occur in the next 24 hours. Rising sea water along with the high waves from the shoreline moving inland may cause flooding in the low-lying coastal localities of Batanes and northeastern Cagayan including Babuyan Islands. For more information, refer to Storm Surge Warning #6 for Typhoon "KIKO" issued at 5:00 AM today.

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Checked by: SFD



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HAZARDS AFFECTING COASTAL WATERS

- In the next 24 hours, rough to phenomenal seas (2.5 to 15.0 m) will be experienced over the seabards of areas where TCWS is in effect. Sea travel is risky for all types of sea vessels. Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Moderate to rough seas (1.2 to 3.5 m) will be experienced over the eastern seabards of Northern and Central Luzon that are not under TCWS. Sea travel is risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.
- Due to the typhoon enhancing the Southwest Monsoon, Gale Warning is currently in effect for the seabards of Zambales and Bataan, and the western seabards of Palawan including Calamian and Kalayaan Islands and Occidental Mindoro including Lubang Islands. For more information, refer to Gale Warning #4 issued at 5:00 AM today.

TRACK AND INTENSITY OUTLOOK

- Typhoon "KIKO" is forecast to make landfall in the vicinity of Batan Island and/or Sabtang Island in Batanes within the next 3 hours.
- On the forecast track, "KIKO" will move generally northward or north northeastward beginning tomorrow and pass over the sea east of Taiwan (without ruling out the possibility of landfall). The typhoon is forecast to exit the Philippine Area of Responsibility tomorrow evening or on Monday early morning. Outside the PAR, the typhoon will move northward or north northeastward over the East China Sea.
- The typhoon is forecast to maintain its strength while traversing the Babuyan-Batanes area in the next 12 hours but is forecast to begin weakening later today or tomorrow as "KIKO" undergoes another eyewall replacement cycle. Further weakening will continue throughout the forecast period as the typhoon interacts with the rugged terrain of Taiwan.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA

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